

1/9

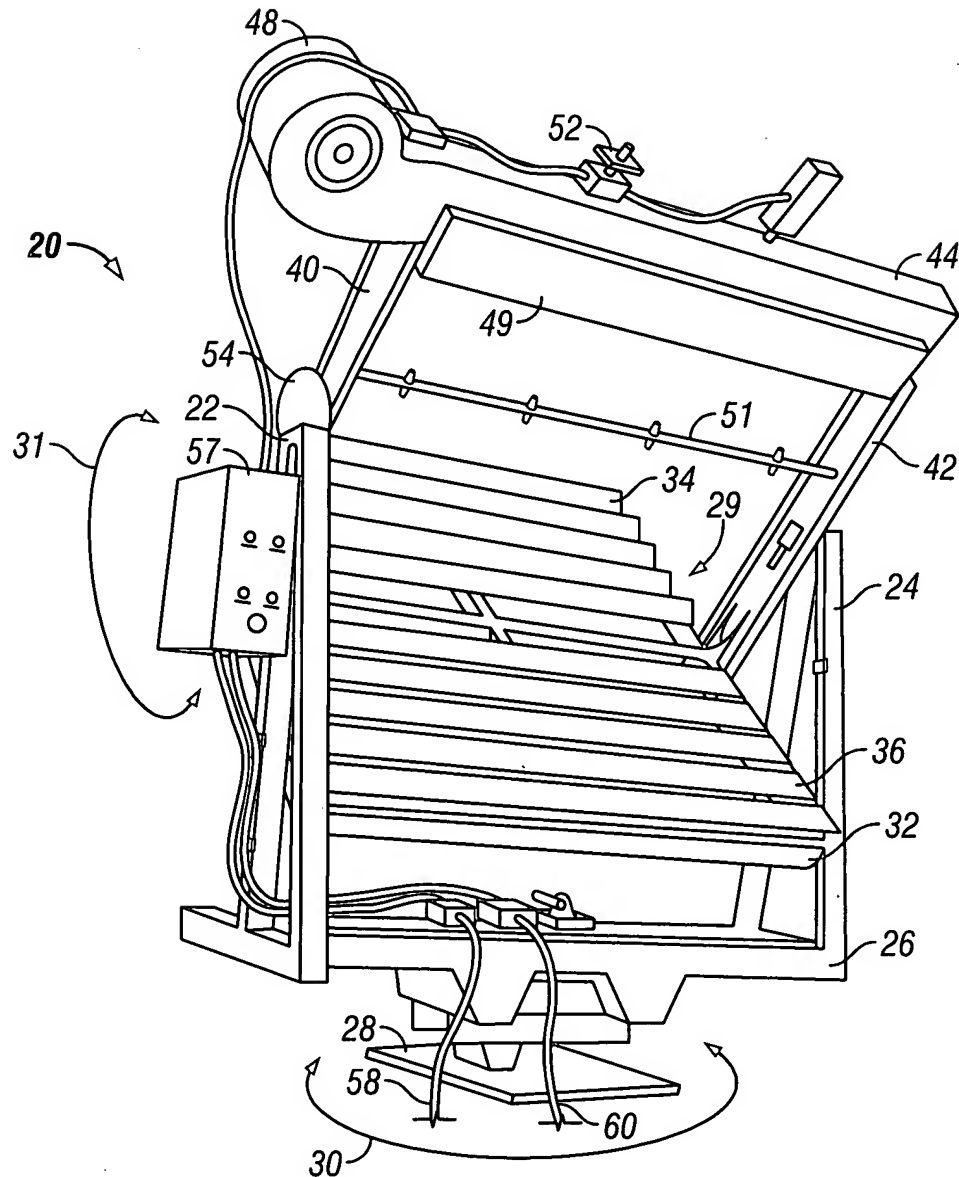


FIG. 1
(Prior Art)

2/9

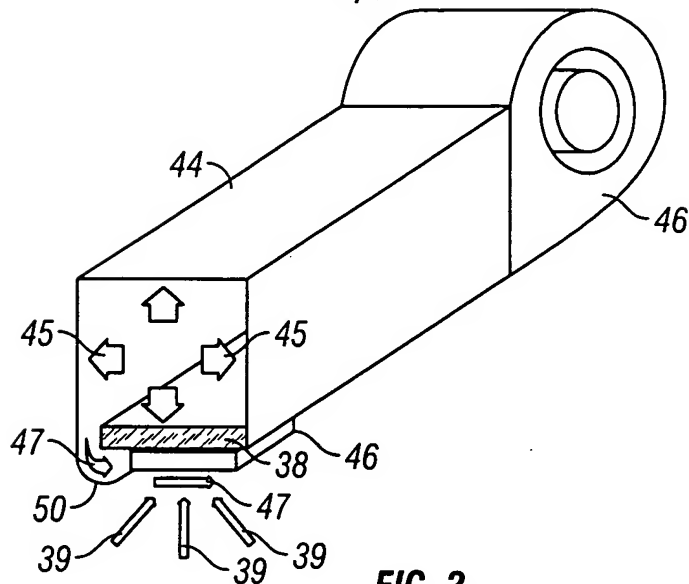


FIG. 2
(Prior Art)

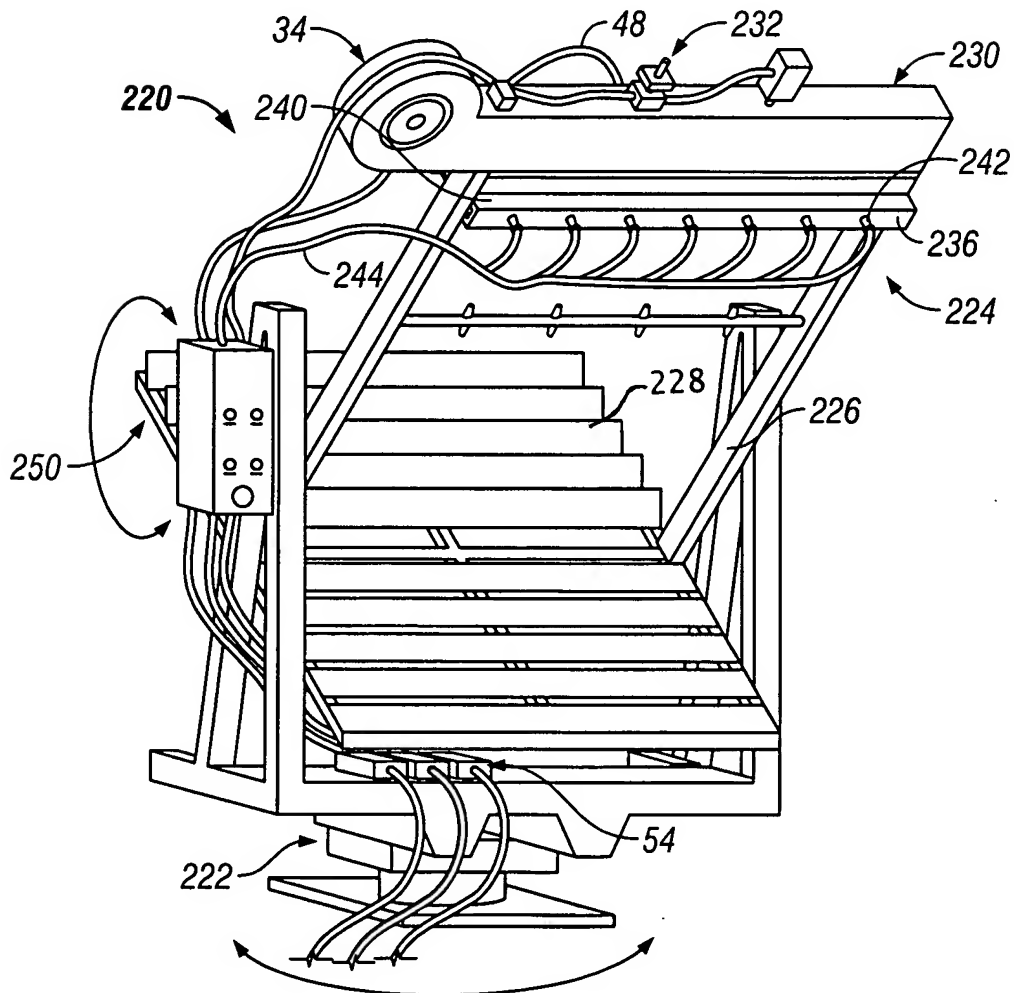


FIG. 3

3/9

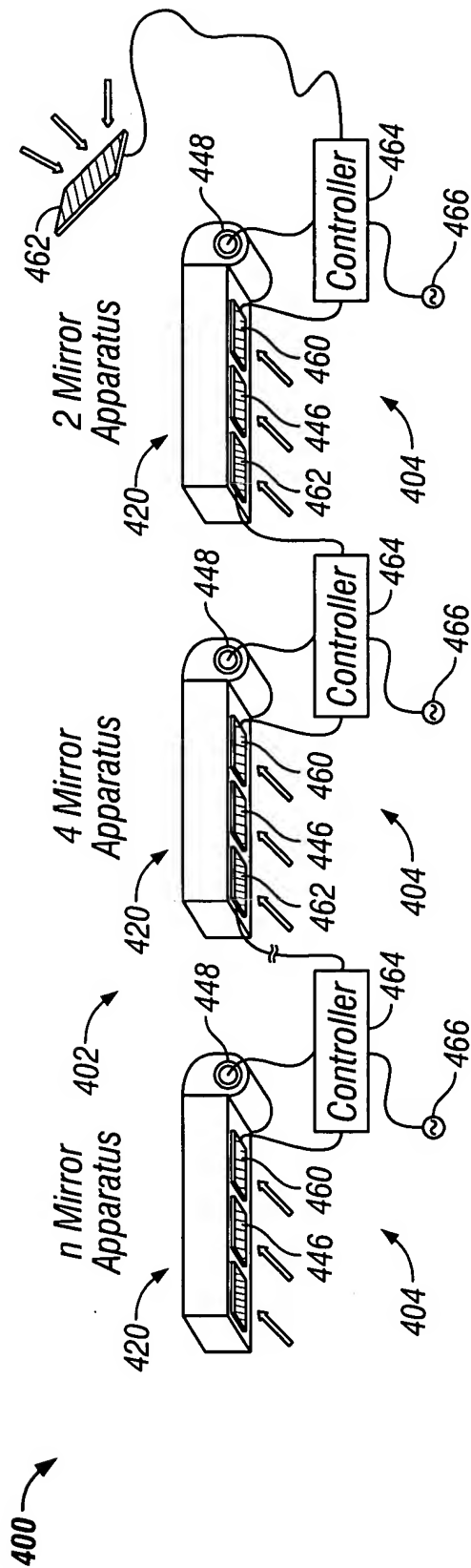


FIG. 4

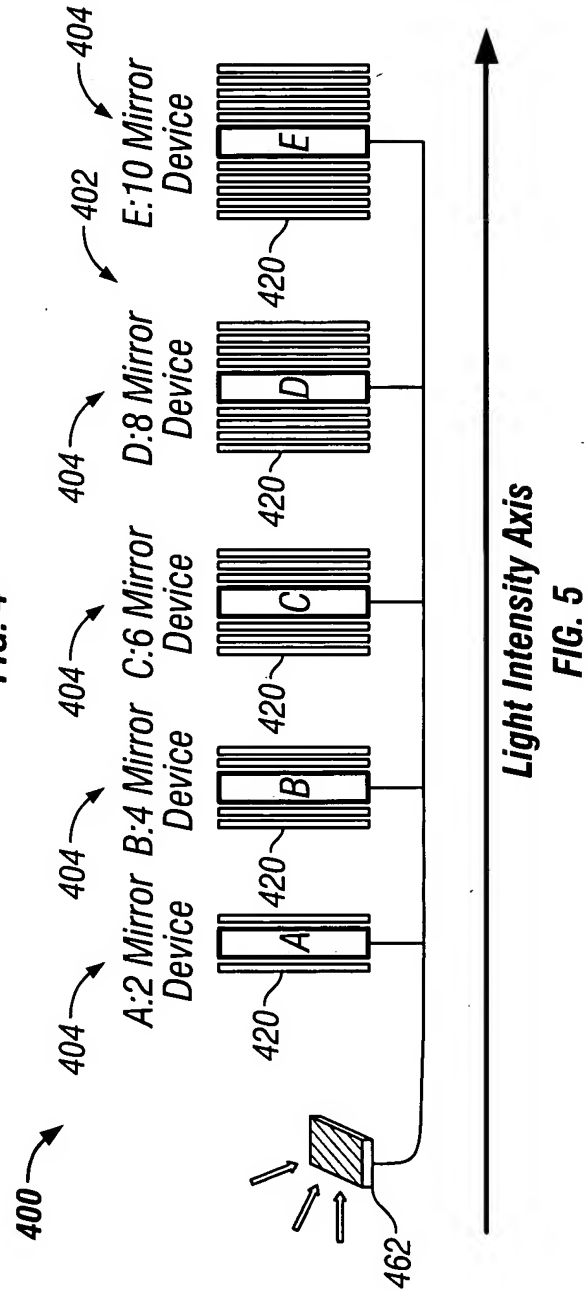


FIG. 5

4/9

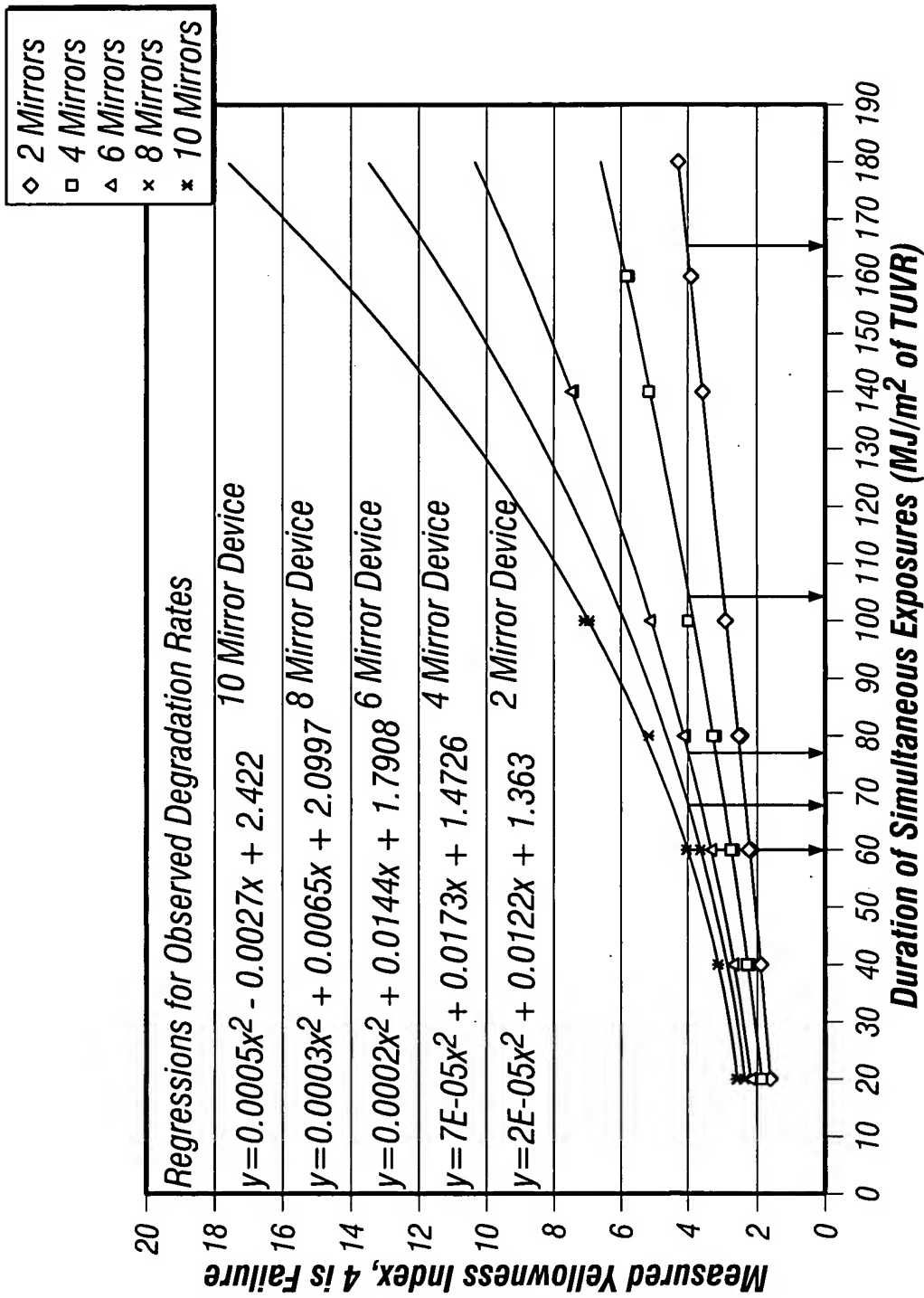


FIG. 6

5/9

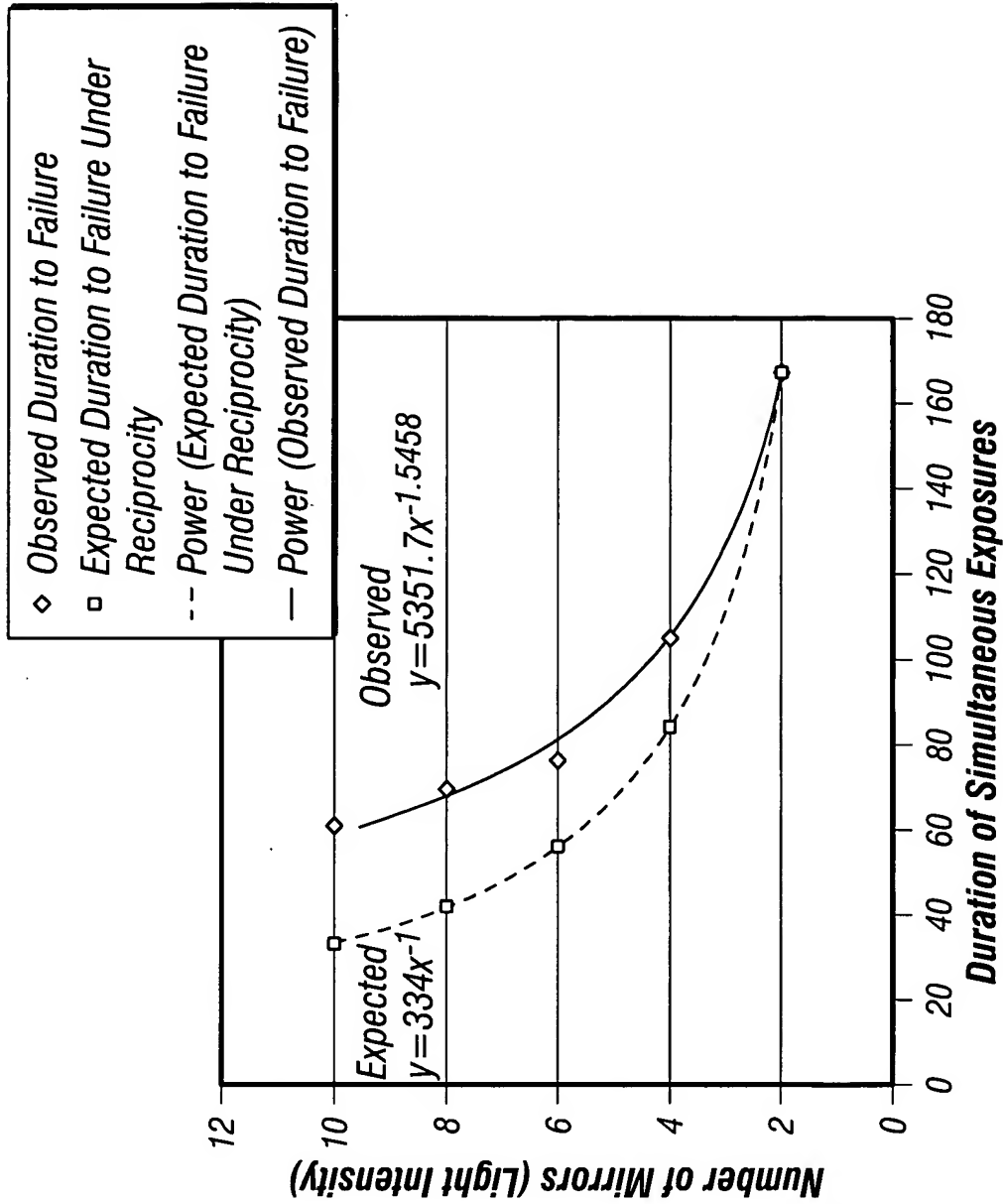
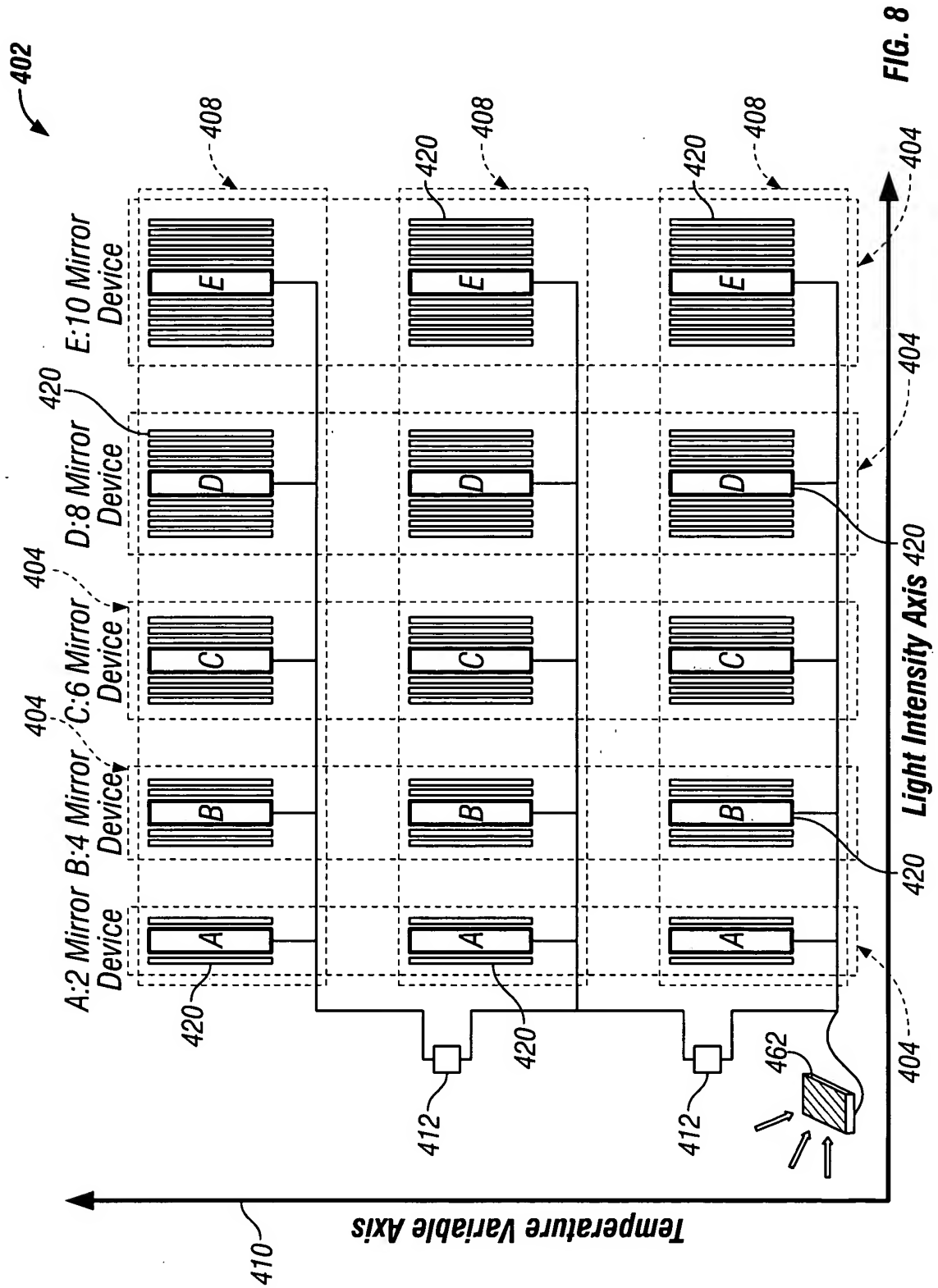


FIG. 7

6/9



7/9

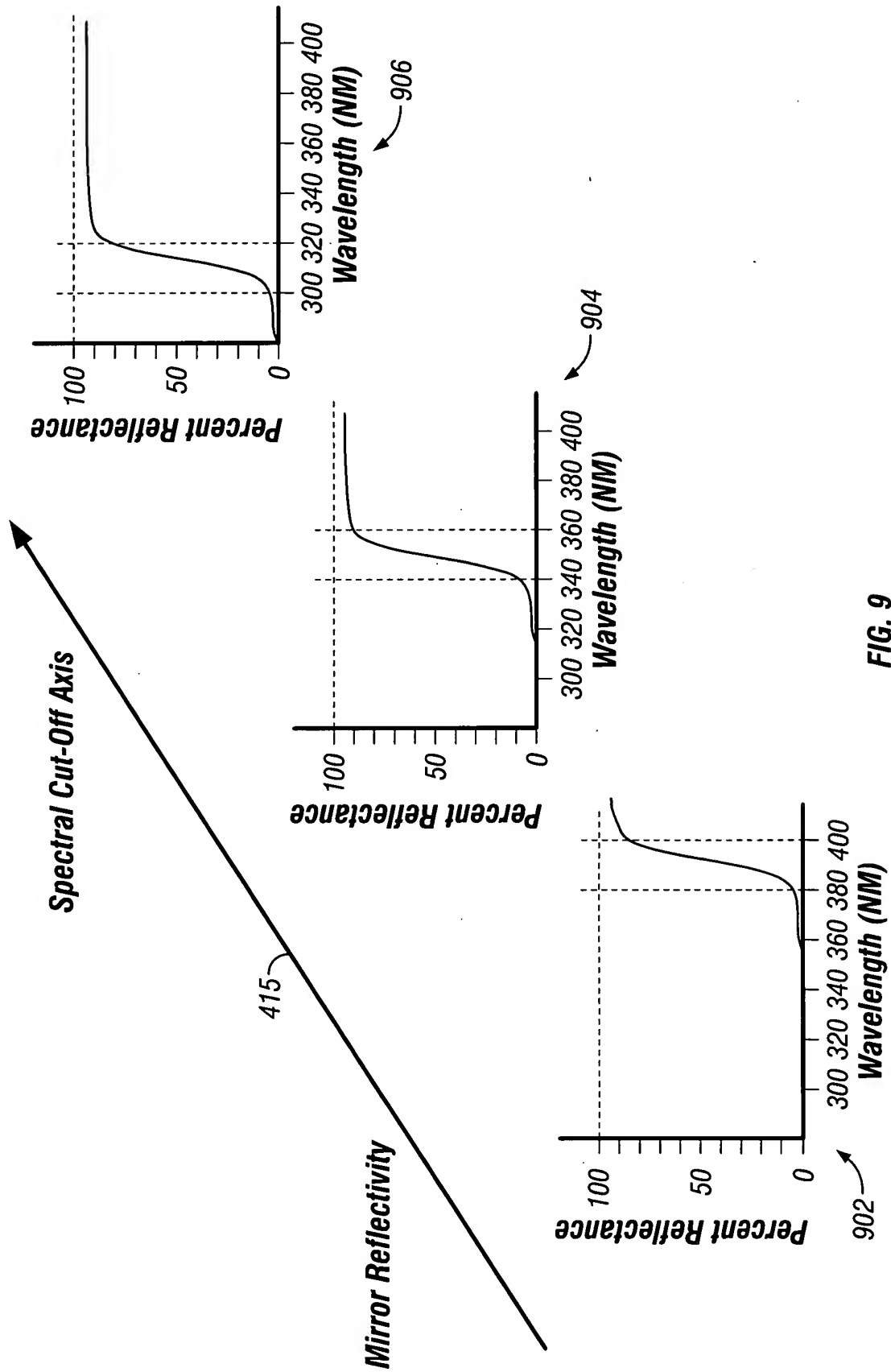


FIG. 9

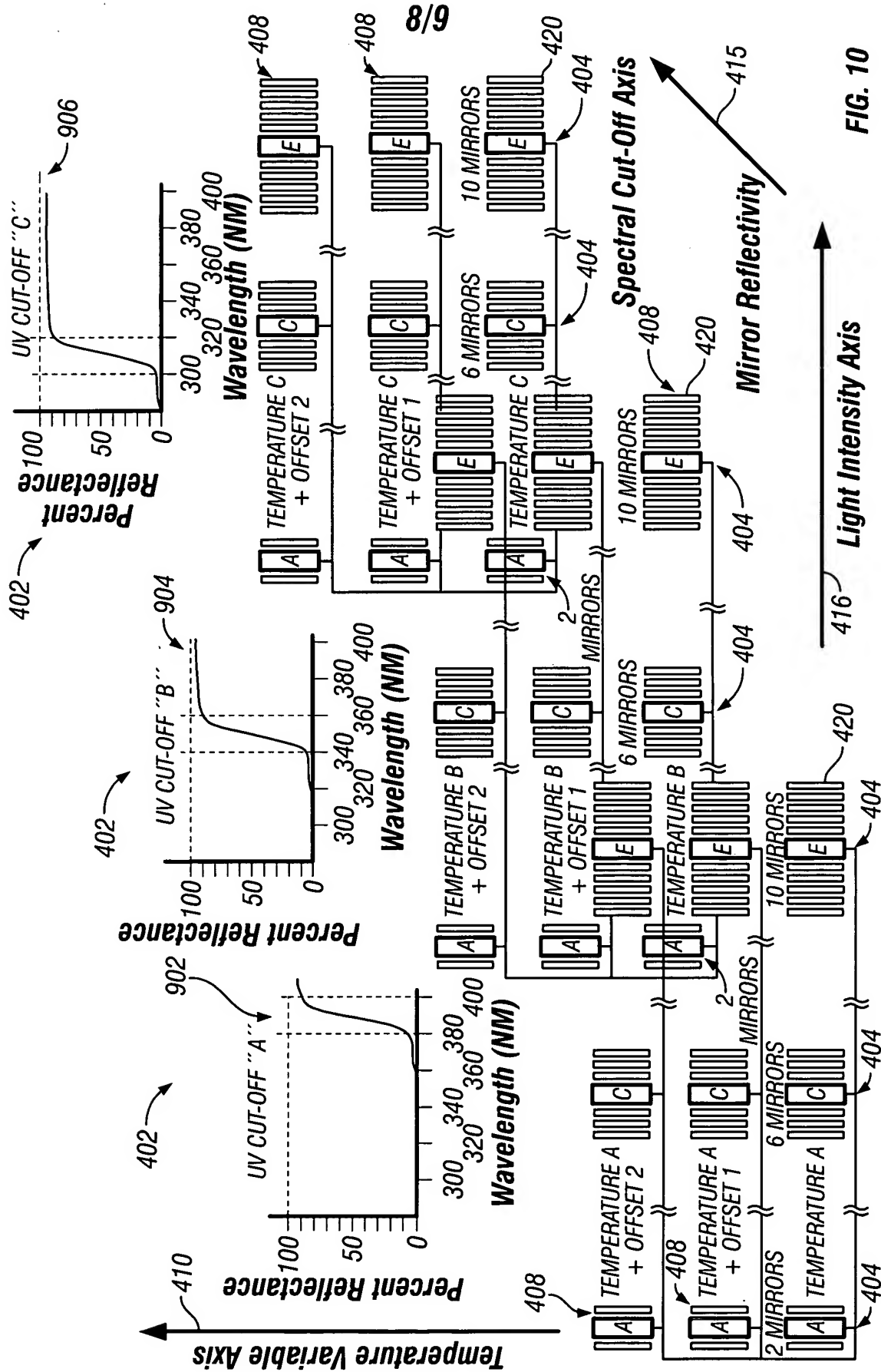


FIG. 10

9/9

Rate of Change in Material's Properties

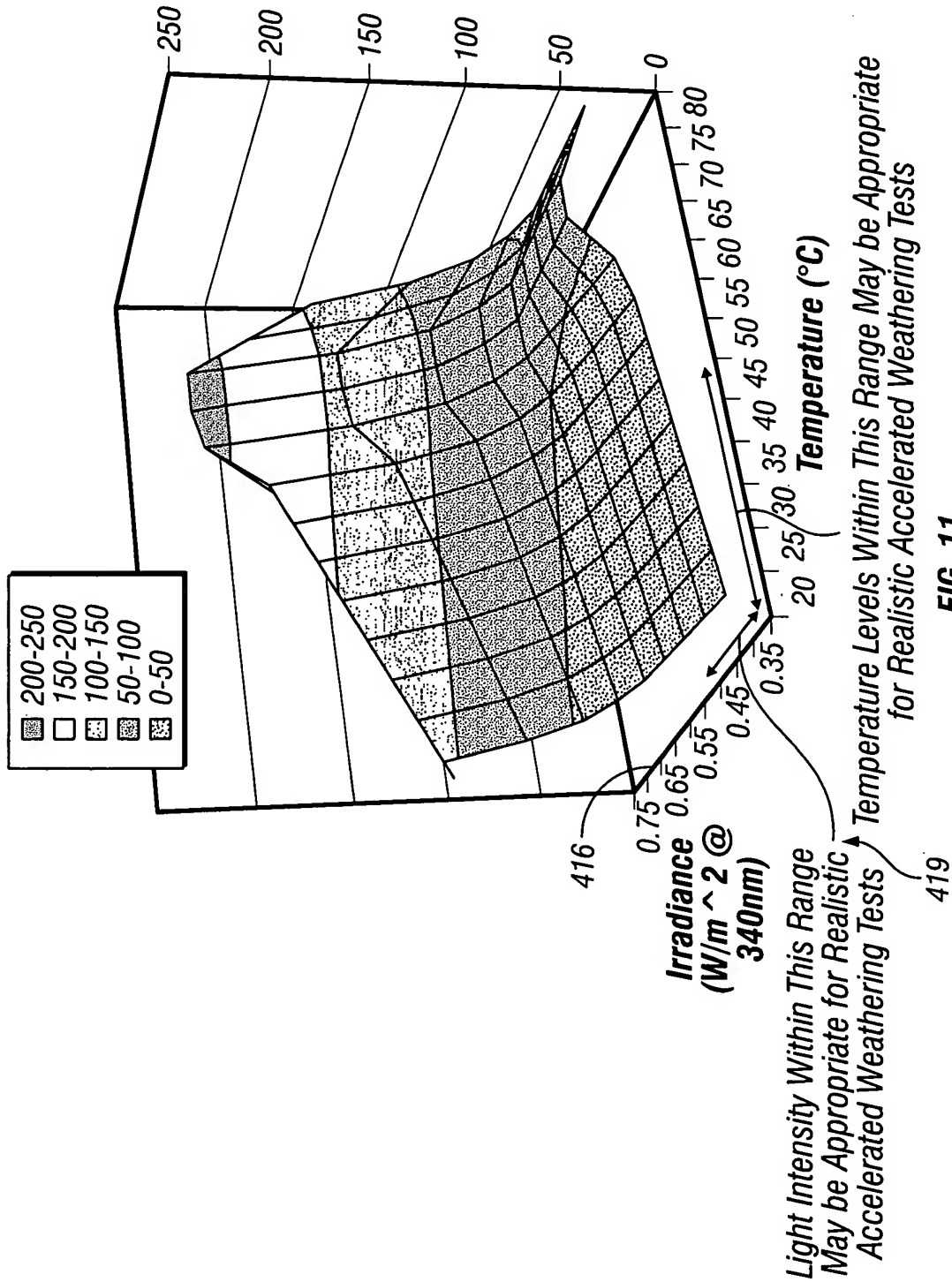


FIG. 11